Fire detection and evacuation solutions that save lives.

FireFinder EN54

Features

- Supports both Addressable Loops and Conventional Zones
- Peer to Peer Networking up to 99 Nodes
- Clear Backlit 40 Character 8 Line LCD display
- Self Auto Learn Capabilities
- High Level and Graphical Interface Capabilities
- Event Logs
- Remote Mimics and Repeaters
- Large Range of Cabinet Sizes
- Complies with EN54-2 and 4

Description

FireFinder is an Intelligent Analogue Addressable and/or Conventional Fire Alarm Control Panel.

The FireFinder is suitable for medium to large sized fire detection systems and is compatible with Apollo XP95, Discovery, Xplorer and Series65 Conventional detectors.

Programming the FireFinder is easily achieved via the front control panel or by using AMPAC's configuration software Configmanager which includes a large number of dedicated programming functions to make installation and commissioning simple.

FireFinder supports a large range of internal and external optional Panel Add-ons.

Internal Panel Add-ons:

- 32 Zone Alarm Mimic Card
- 8 Way Switch and Indicator
- Input Board
- Relay Board
- Sounder/Bell Board
- Fire Fan Control and Termination Board
- Front panel mounted printer

External Panel Add-ons:

- SmartTerminal
- 8 Way Relay board

FireFinder SP1M Cabinet

The FireFinder is available in various cabinet options:

- SP1M – includes 32 Zone Indicators, 5.6A PSU and accommodates up to 4 loops (8 with battery cabinet).
- SP1X – includes a locked glazed outer door, 5.6A PSU and accommodates up to 4 loops and 2 Add-on Modules.
- SP8 – has a locked glazed outer door, 64Zone indicators, 5.6Amp PSU and accommodates up to 8 loops and 4 Add-on modules.
- SP16 – comes with a locked glazed outer door, 64 Zone Indicators, 18Amp PSU and accommodates up to 16 loops and 8 Add-on modules.
- 10U, 16U and 29U rack cabinets - which are for larger systems,

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![Ampac logo]

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Specifications

Input Voltage	85 to 264Vac (47-63Hz)
Output Voltage	27Vdc
Output Current	2A, 5.6A or 18A
Quiescent Current	240mA (min 1 Loop no load)
Battery Type	2 x 12V SLA batteries
Devices per Loop	126
Loop Current	500mA
Devices per Zone (Conventional)	32
Conventional Zone EOL	3K3
Cable (Loop and Zone)	2 core 1.5 to 2.5mm²

Outputs

Sounder 1	2 Amp Fused
Sounder 2	2 Amp Fused
Aux Monitored	1 Amp Fused, 10K EOL
Aux Un-Monitored	1 Amp voltage free contact
FARE Monitored	1 Amp Fused, 10K EOL
FARE Un-Monitored	1 Amp voltage free contact
Fault Monitored	1 Amp Fused, 10K EOL
Fault Un-Monitored	1 Amp voltage free contact
Isolate	1 Amp voltage free contact
Alarm	1 Amp voltage free contact
Valve Monitor	1 Amp voltage free contact
Batt Fail (normally energised)	1 Amp voltage free contact
Battery Output	Protected
Aux Power Output 1	1 Amp Fused
Aux Power Output 1 – EV40 use	3 Amp Fused
Aux Power Output 2	1 Amp Fused

Input

DBA/MCP	Monitored 10K EOL

Environment

Temperature	-5°C to + 55°C
Humidity	25% to 75% (non-condensing)
IP Rating	IP51

Mechanical

Finish	Arch White powder coat	
Cabinet	**Material**	**Dimension (mm)**
SP1M	1.2mm steel	500H x 405W x 145D
SP1X	1.2mm steel	500H x 405W x 145D
SP8X	1.2mm steel	840H x 515W x 170D
SP16X	1.6mm steel	1200H x 625W x 240D
10U	1.6mm steel	700H x 625W x 240D
16U	2.0mm steel	1200H x 700W x 375D
28U	2.0mm steel	1800H x 700W x 375D
SP1 Anc Cab	1.2mm steel	250H x 405W x 145D
SP8 Anc Cab	1.2mm steel	418H x 515W x 170D

Item Numbers

8580-1200	SP1M 1 Loop Panel 32 Zone 5.6 AMP PSU
8580-1250	SP1M 16 Zone Panel 5.6 AMP PSU
8580-1100	SP1X 1 Loop Panel 32 Zone 5.6AMP PSU
8580-1150	SP1X 16 Zone Panel 5.6 AMP PSU
8580-1700	SP8 1 Loop Panel 64 Zones 5.6AMP PSU
8580-9809	SP16 9 Loop Panel 64 Zones 18 AMP PSU

Accessories

8510-9003	SP1M/SP1X Ancillary Cabinet
8510-9010	SP8X Ancillary Cabinet
ENC1799-F	SP1M Flush Surround
ENC1798-F	SP1X Flush Surround
158-0033	SP8X Flush Surround
ENC1797-F	SP1X+Ancillary Cabinet Surround
158-0027	SP8X+Ancillary Cabinet Surround

Please refer to your local Customer Service Office (CSO) for further build variations

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